

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	("5939438" "6017831").PN.	US-PGPUB; USPAT	OR	ON	2007/08/03 12:10
S1	3	"538997".ap.	US-PGPUB; USPAT	OR	ON	2007/08/03 12:09
S2	2400	514/326.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 14:29
S3	1070	546/210.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 14:29
S4	733	546/184.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 14:29
S5	0	514/210.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 14:29
S6	1070	546/210.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 14:30
S7	733	546/184.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 14:30
S8	844	514/315.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/13 14:31
S9	518	S2 and S3	US-PGPUB; USPAT	OR	ON	2006/12/13 14:31
S10	518	S9 and S6	US-PGPUB; USPAT	OR	ON	2006/12/13 14:32
S11	3	S9 and S4	US-PGPUB; USPAT	OR	ON	2006/12/13 14:32

10/538,997B Yong Chu 08/03/2007

\$%^STN;HighlightOn=;HighlightOff=;

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:ssptaylc1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 3 MAR 16 CASREACT coverage extended
NEWS 4 MAR 20 MARPAT now updated daily
NEWS 5 MAR 22 LWPI reloaded
NEWS 6 MAR 30 RDISCLOSURE reloaded with enhancements
NEWS 7 APR 02 JICST-EPLUS removed from database clusters and STN
NEWS 8 APR 30 GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9 APR 30 CHEMCATS enhanced with 1.2 million new records
NEWS 10 APR 30 CA/Capplus enhanced with 1870-1889 U.S. patent records
NEWS 11 APR 30 INPADOC replaced by INPADOCDB on STN
NEWS 12 MAY 01 New CAS web site launched
NEWS 13 MAY 08 CA/Capplus Indian patent publication number format defined
NEWS 14 MAY 14 RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15 MAY 21 BIOSIS reloaded and enhanced with archival data
NEWS 16 MAY 21 TOXCENTER enhanced with BIOSIS reload
NEWS 17 MAY 21 CA/Capplus enhanced with additional kind codes for German patents
NEWS 18 MAY 22 CA/Capplus enhanced with IPC reclassification in Japanese patents
NEWS 19 JUN 27 CA/Capplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20 JUN 29 STN Viewer now available
NEWS 21 JUN 29 STN Express, Version 8.2, now available
NEWS 22 JUL 02 LEMBASE coverage updated
NEWS 23 JUL 02 LMEDLINE coverage updated
NEWS 24 JUL 02 SCISEARCH enhanced with complete author names
NEWS 25 JUL 02 CHEMCATS accession numbers revised
NEWS 26 JUL 02 CA/Capplus enhanced with utility model patents from China
NEWS 27 JUL 16 Capplus enhanced with French and German abstracts
NEWS 28 JUL 18 CA/Capplus patent coverage enhanced
NEWS 29 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification
NEWS 30 JUL 30 USGENE now available on STN

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:53:25 ON 03 AUG 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

0.21	0.21
------	------

FILE 'REGISTRY' ENTERED AT 10:53:44 ON 03 AUG 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 2 AUG 2007 HIGHEST RN 943961-55-5

DICTIONARY FILE UPDATES: 2 AUG 2007 HIGHEST RN 943961-55-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

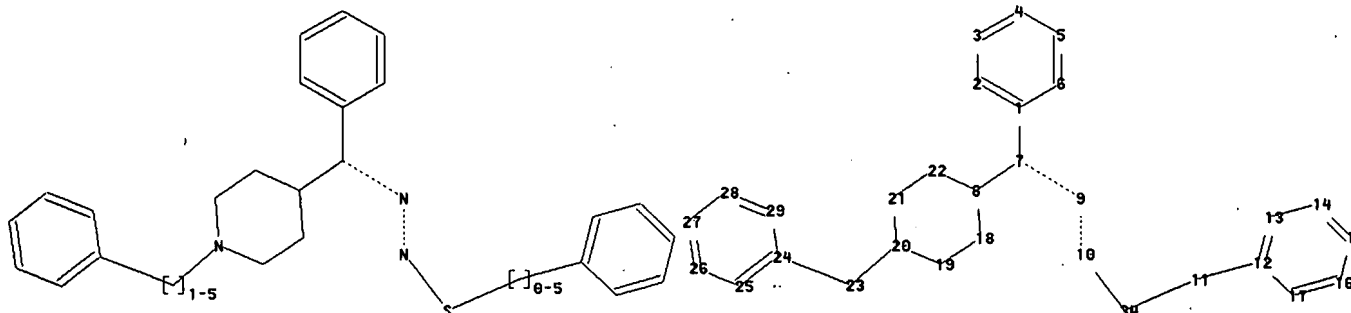
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Documents and Settings\ychu\Desktop\Case\10538997\10538997B.str



```

chain nodes :
7 9 10 11 23 34
ring nodes :
1 2 3 4 5 6 8 12 13 14 15 16 17 18 19 20 21 22 24 25 26 27
28 29
chain bonds :
1-7 7-8 7-9 9-10 10-34 11-12 11-34 20-23 23-24
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 8-18 8-22 12-13 12-17 13-14 14-15 15-16 16-17
18-19 19-20 20-21 21-22 24-25 24-29 25-26 26-27 27-28 28-29
exact/norm bonds :
7-9 8-18 8-22 9-10 10-34 11-34 18-19 19-20 20-21 20-23 21-22
exact bonds :
1-7 7-8 11-12 23-24
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 12-13 12-17 13-14 14-15 15-16 16-17 24-25 24-
29
25-26 26-27 27-28 28-29

```

```

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:CLASS 10:CLASS
11:CLASS 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom
22:Atom 23:CLASS 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 34:CLASS

```

L1 STRUCTURE UPLOADED

```

=> d
L1 HAS NO ANSWERS
L1 STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

```

Structure attributes must be viewed using STN Express query preparation.

```

=> s l1
SAMPLE SEARCH INITIATED 10:54:12 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

```

```

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

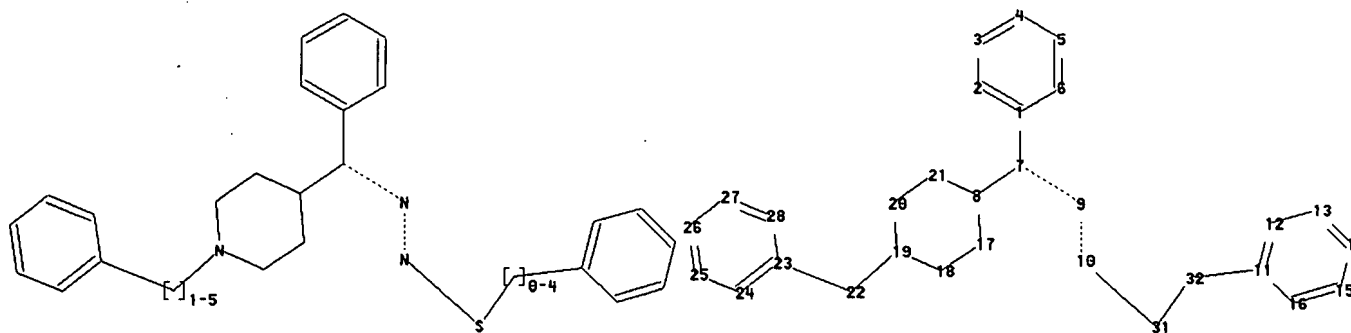
```

L2 0 SEA SSS SAM L1

```

=>
Uploading C:\Documents and Settings\ychu\Desktop\Case\10538997\10538997B-1.str

```



chain nodes :

7 9 10 22 31 32

ring nodes :

1 2 3 4 5 6 8 11 12 13 14 15 16 17 18 19 20 21 23 24 25 26
27 28

chain bonds :

1-7. 7-8 7-9 9-10 10-31 11-32 19-22 22-23 31-32

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-17 8-21 11-16 11-12 12-13 13-14 14-15 15-16
17-18 18-19 19-20 20-21 23-24 23-28 24-25 25-26 26-27 27-28

exact/norm bonds :

7-9 8-17 8-21 9-10 10-31 17-18 18-19 19-20 19-22 20-21 31-32

exact bonds :

1-7 7-8 11-32 22-23

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 11-16 11-12 12-13 13-14 14-15 15-16 23-24 23-
28
24-25 25-26 26-27 27-28

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:CLASS 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom
22:CLASS 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 31:CLASS 32:CLASS

L3 STRUCTURE UPLOADED

=> d

L3 HAS NO ANSWERS

L3 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 10:56:04 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

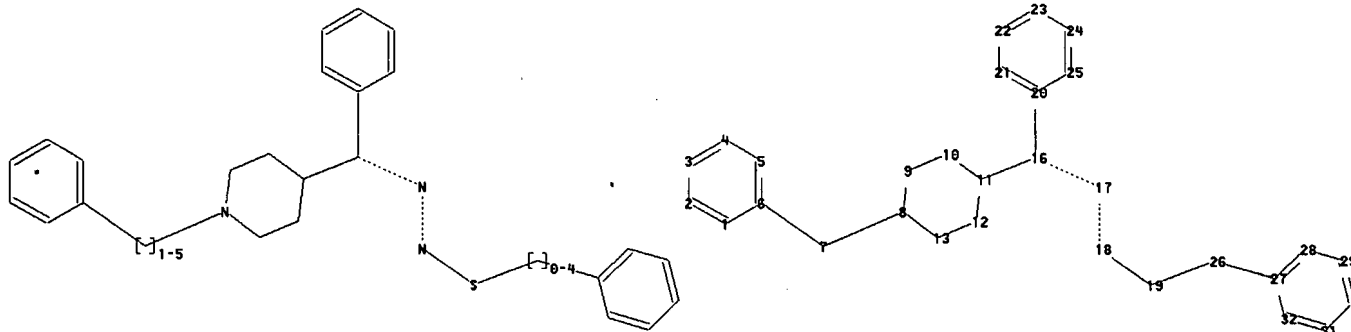
FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**
 PROJECTED ITERATIONS: 0 TO 0
 PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L1

=>

Uploading C:\Documents and Settings\ychu\Desktop\Case\10538997\10538997C.str



chain nodes :

7 16 17 18 19 26

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13 20 21 22 23 24 25 27 28 29 30 31 32

chain bonds :

6-7 7-8 11-16 16-17 16-20 17-18 18-19 19-26 26-27

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13 20-21 20-25
 21-22 22-23 23-24 24-25 27-28 27-32 28-29 29-30 30-31 31-32

exact/norm bonds :

7-8 8-9 8-13 9-10 10-11 11-12 12-13 16-17 17-18 18-19 19-26

exact bonds :

6-7 11-16 16-20 26-27

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 20-21 20-25 21-22 22-23 23-24 24-25 27-28 27-32
 28-29 29-30 30-31 31-32

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom
 11:Atom 12:Atom 13:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:Atom 21:Atom
 22:Atom 23:Atom
 24:Atom 25:Atom 26:CLASS 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom

L5 STRUCTURE UPLOADED

=> d

L5 HAS NO ANSWERS

L5 STR

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s 15

SAMPLE SEARCH INITIATED 11:01:02 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED
SEARCH TIME: 00.00.01

0 ITERATIONS

0 ANSWERS

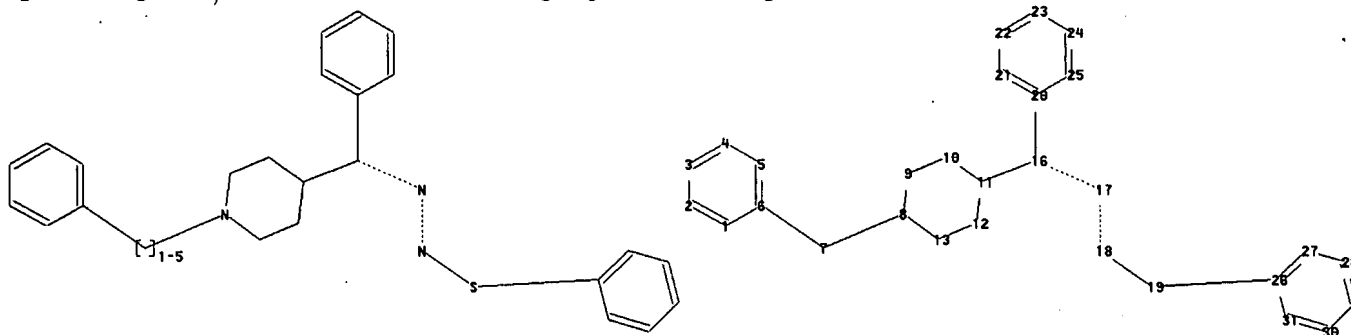
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=>

Uploading C:\Documents and Settings\ychu\Desktop\Case\10538997\10538997C-1.str



chain nodes :

7 16 17 18 19

ring nodes :

1 2 3 4 5 6 8 9 10 11 12 13 20 21 22 23 24 25 26 27 28 29 30
31

chain bonds :

6-7 7-8 11-16 16-17 16-20 17-18 18-19 19-26

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 8-9 8-13 9-10 10-11 11-12 12-13 20-21 20-25
21-22 22-23 23-24 24-25 26-31 26-27 27-28 28-29 29-30 30-31

exact/norm bonds :

7-8 8-9 8-13 9-10 10-11 11-12 12-13 16-17 17-18 18-19 19-26

exact bonds :

6-7 11-16 16-20

normalized bonds :

1-2 1-6 2-3 3-4 4-5 5-6 20-21 20-25 21-22 22-23 23-24 24-25 26-31 26-
27
27-28 28-29 29-30 30-31

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:Atom 21:Atom
22:Atom 23:Atom
24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom 30:Atom 31:Atom

L7 STRUCTURE UPLOADED

=> d
L7 HAS NO ANSWERS
L7 STR
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

Structure attributes must be viewed using STN Express query preparation.

=> s 17
SAMPLE SEARCH INITIATED 11:02:02 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1 TO 80
PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7

=> s 17 full
FULL SEARCH INITIATED 11:02:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 11 TO ITERATE

100.0% PROCESSED 11 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L9 2 SEA SSS FUL L7

=> file caplus
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	177.95	178.16

FILE 'CAPLUS' ENTERED AT 11:02:18 ON 03 AUG 2007
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FILE COVERS 1907 - 3 Aug 2007 VOL 147 ISS 7
FILE LAST UPDATED: 2 Aug 2007 (20070802/ED)

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<http://www.cas.org/infopolicy.html>

=> s 19

L10 1 L9

=> d ibib abs hitstr tot

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2004:589533 CAPLUS Full-text

DOCUMENT NUMBER: 141:140464

TITLE: N-(substituted arylmethyl)-4-(disubstituted methyl)piperidines and piperazines

INVENTOR(S): Ding, Ping; Henrie, Robert N., II; Cohen, Daniel H.; Lyga, John W.; Rosen, David S.; Theodoridis, George; Zhang, Qun; Yeager, Walter H.; Donovan, Stephen F.; Zhang, Steven Shunxiang; Shulman, Inna; Yu, Seong Jae; Wnag, Gouzhi; Zhang, Y. Larry; Gopalsamy, Ariamala; Warkentin, Dennis L.; Rensner, Paul E.; Silverman, Ian R.; Cullen, Thomas G.

PATENT ASSIGNEE(S): FMC Corporation, USA

SOURCE: PCT Int. Appl., 105 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

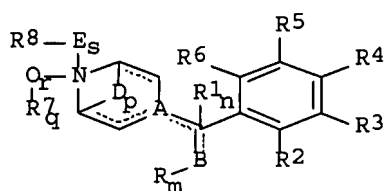
FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

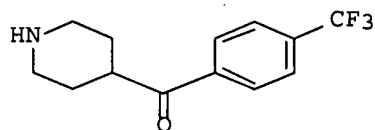
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
WO 2004060865	A2	20040722	WO 2003-US39046	20031208
WO 2004060865	A3	20041104		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2003296373	A1	20040729	AU 2003-296373	20031208
EP 1572668	A2	20050914	EP 2003-814673	20031208
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK			
BR 2003016747	A	20051018	BR 2003-16747	20031208
CN 1729178	A	20060201	CN 2003-80106750	20031208
CN 1744895	A	20060308	CN 2003-80109445	20031208
JP 2006511621	T	20060406	JP 2005-508564	20031208
IN 2005DN02489	A	20061229	IN 2005-DN2489	20050609
IN 2005DN02485	A	20070427	IN 2005-DN2485	20050609
ZA 2005004870	A	20060426	ZA 2005-4870	20050614
ZA 2005004871	A	20060426	ZA 2005-4871	20050614
US 2006166962	A1	20060727	US 2006-538997	20060208
PRIORITY APPLN. INFO.:			US 2002-434718P	P 20021218
			US 2003-495059P	P 20030814
			WO 2003-US39046	W 20031208

OTHER SOURCE(S): MARPAT 141:140464

GI



I



II

AB Title compds. I [m, n, q, r, s = 0-1; p = 0-3; A = CH, N forming a 6-membered azine ring selected from piperidine or piperazine; R2-6 = H, halo, alkyl, etc.; B = O; with provisions] are prepd. For instance, 4-bromobenzotrifluoride is transmetalated (THF, n-BuLi, -75.degree.) and treated with tert-Bu 4-[N-methoxy-N-methylcarbamoyl]piperidine-1-carboxylate to give tert-Bu 4-[(4-(trifluoromethyl)phenyl)carbonyl]piperidine-1-carboxylate. This intermediate is deprotected to give II. II gave 100% mortality and 100% growth inhibition of tobacco budworms.

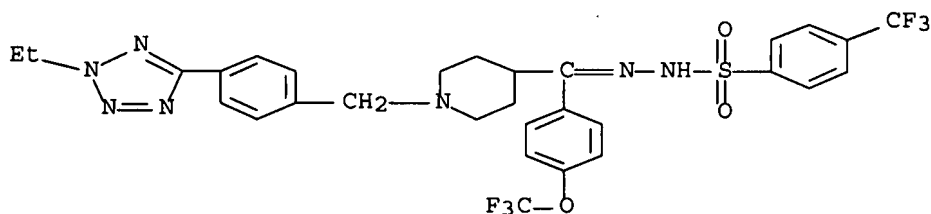
IT 725231-43-6P 725231-44-7P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(N-(substituted arylmethyl)-4-(disubstituted methyl)piperidines and piperazines)

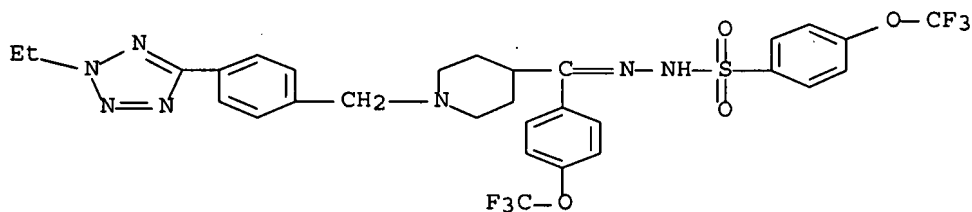
RN 725231-43-6 CAPLUS

CN Benzenesulfonic acid, 4-(trifluoromethyl)-, [[1-[[4-(2-ethyl-2H-tetrazol-5-yl)phenyl]methyl]-4-piperidiny]] [4-(trifluoromethoxy)phenyl]methylene]hydrazide (9CI) (CA INDEX NAME)



RN 725231-44-7 CAPLUS

CN Benzenesulfonic acid, 4-(trifluoromethoxy)-, [[1-[[4-(2-ethyl-2H-tetrazol-5-yl)phenyl]methyl]-4-piperidiny]] [4-(trifluoromethoxy)phenyl]methylene]hydrazide (9CI) (CA INDEX NAME)



=>

---Logging off of STN---

=>

Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

5.74

183.90

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY

TOTAL
SESSION

CA SUBSCRIBER PRICE

-0.78

-0.78

STN INTERNATIONAL LOGOFF AT 11:02:54 ON 03 AUG 2007